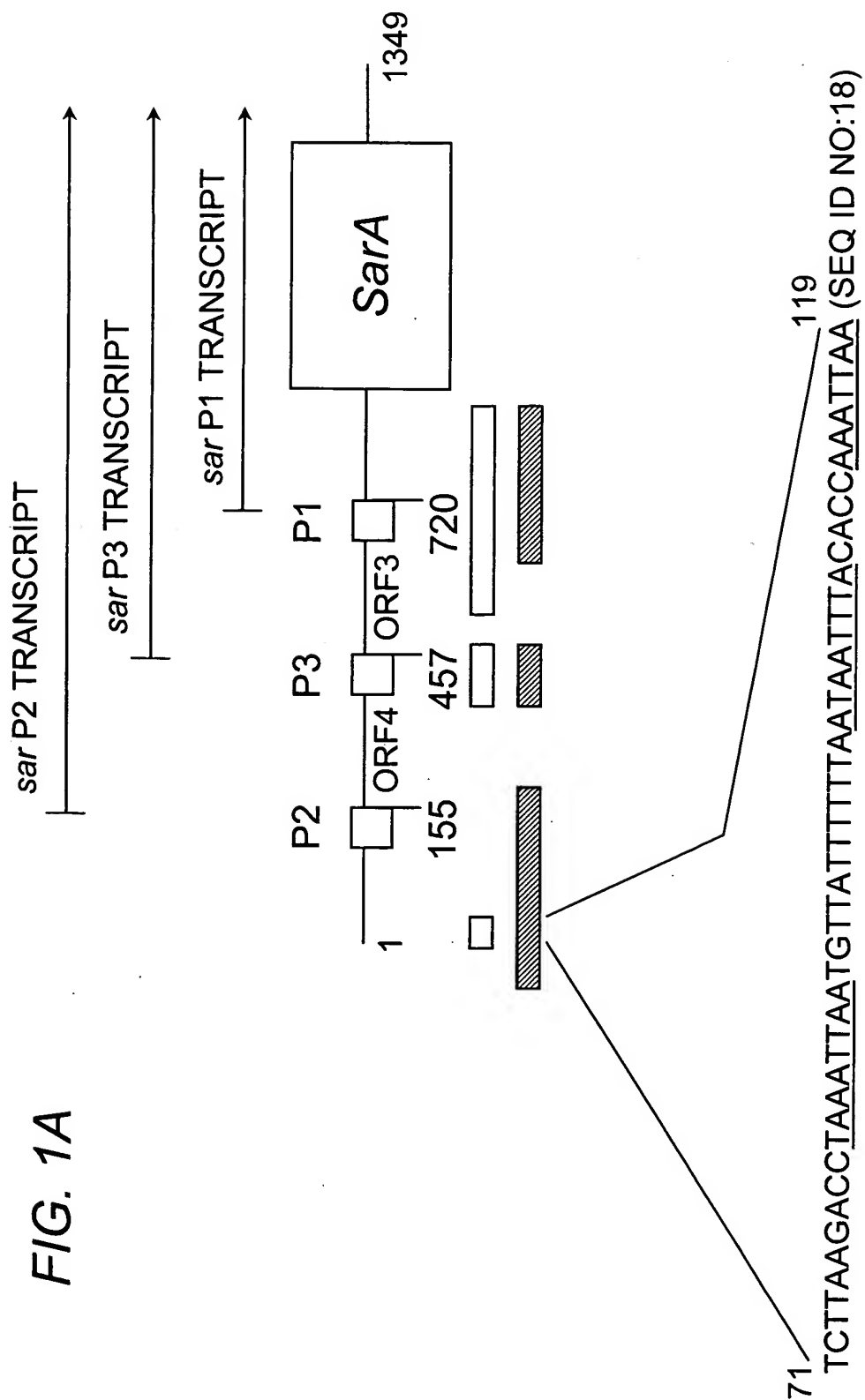


FIG. 1A



# REPLACEMENT SHEET

## FIG. 1B

```

1  GTTTTCAAAA TCGGTGGAGG TGCATGAAAA AGTTATTGGG

41  CATTTTTTTGA AAATAAAAAA ATATCAATAA GTTGGAGTCA
      ↓START
81  TTACCGAATT TTTATACTTA TTTGTTTAGA ATGAACTTTA
      -35                               -10

121 TAACATAGTT GGATAGAGTT TTCGATTTAA TACATTAAAT

161 GTGAACCTTG CTACAACAAG ATGTGCATCA GAAGGAGTGG
      RIBOSOME BINDING SITE

201 TTTAATAATG --sarR--TAA (SEQ ID NO:19)
  
```

## FIG. 1C

```

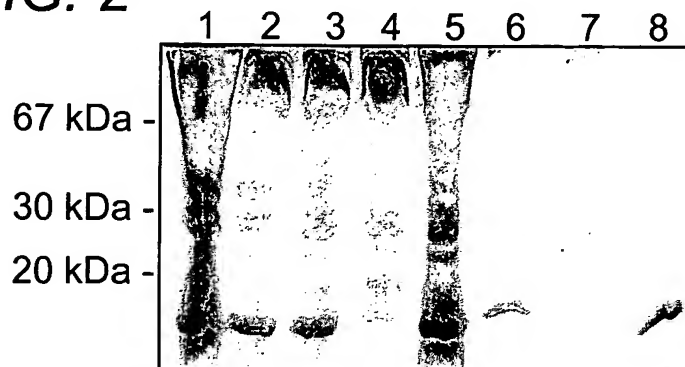
              10          20          30          40
SarR M--SKINDINDLVNATFQVKKFFRDTKKKFNLNYEEIYILN
      :  :::::  :::::  :  :::::  :::::  :::::  :::::
SarA MAITKINDCFELLSMVTYADKLKSLIKKEFSISFEEFAVLT

              50          60          70          80
SarR HILRSESNEISSKEIAKCSEFKPYLTKALQKLKDLKLLS
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
SarA YISENKEKEYYLKDIINHLNYKQPQVVKAVKILSQEDYFD

              90          100          110
SarR QKRILQDERTVIVYVT-----DTLKANIHKLISELEEY
      :  :  :  :  :  :  :  :  :  :  :  :  :  :  :
SarA KKRNEHDERTVLILVNAQQRKKIESLLSRVNKRITEANNE

SarR IKN (SEQ ID NO:2)
      :
SarA IEL (SEQ ID NO:3)
  
```

## FIG. 2



REPLACEMENT SHEET

FIG. 4A

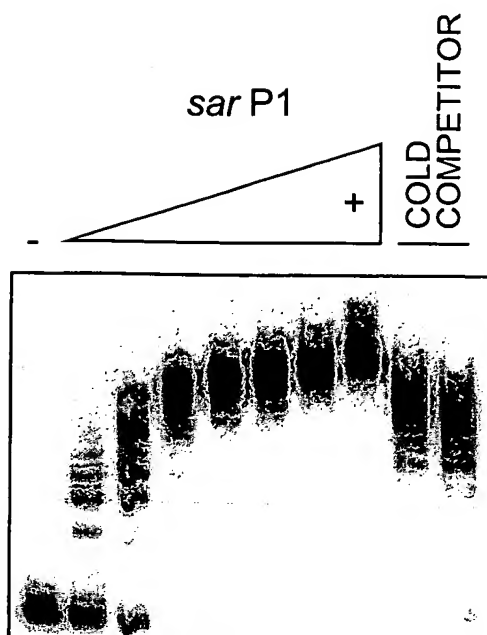


FIG. 4B

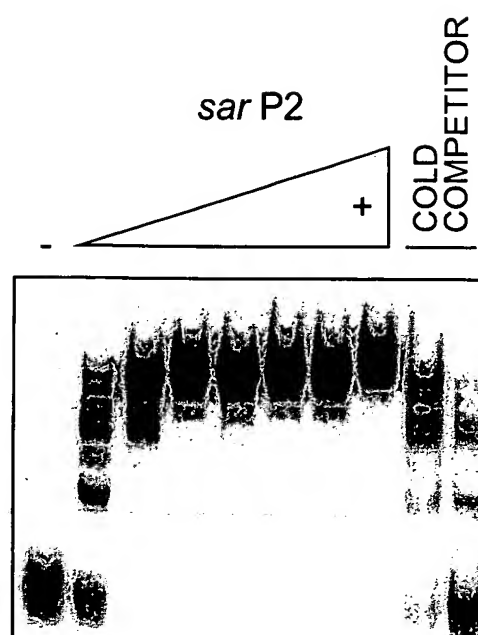


FIG. 4C

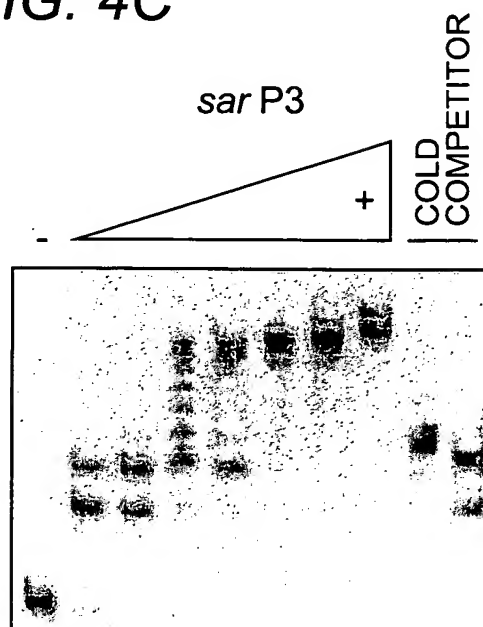


FIG. 6A

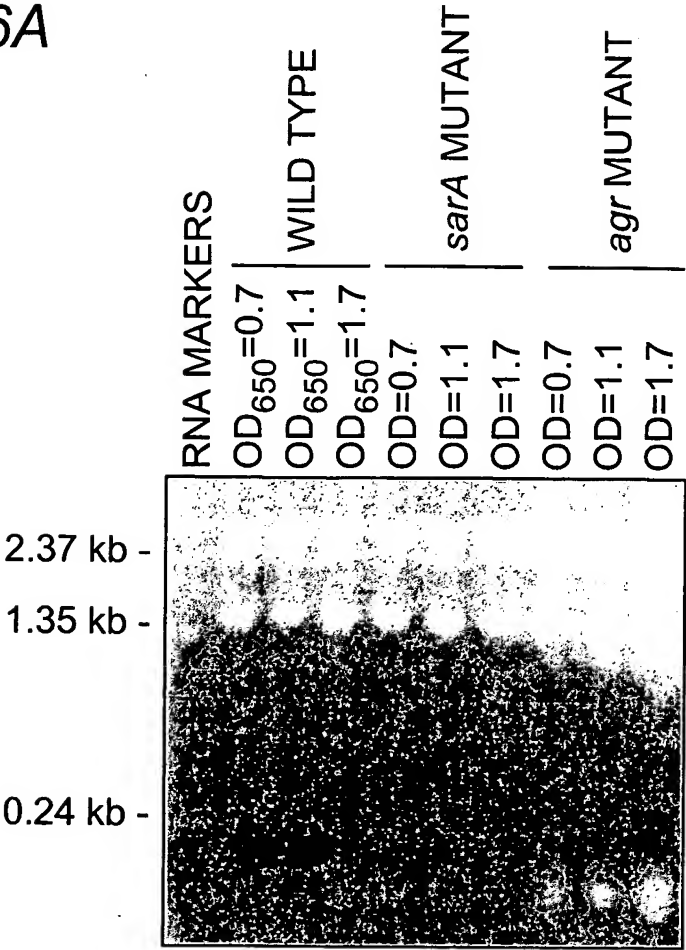
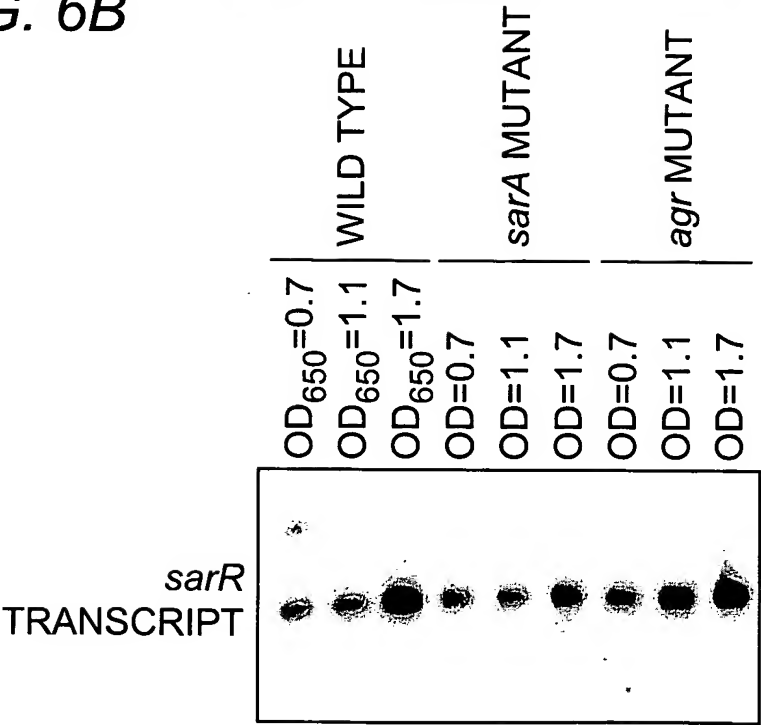


FIG. 6B



REPLACEMENT SHEET

FIG. 9A

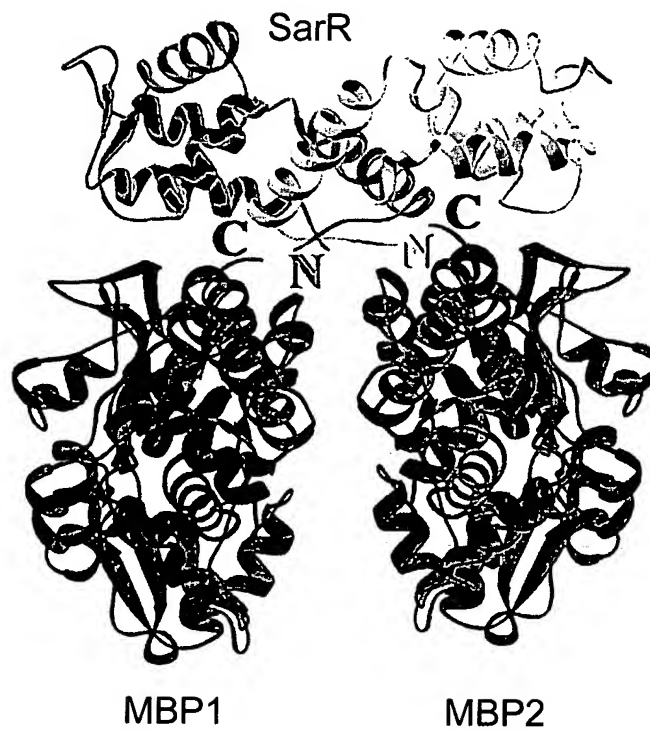
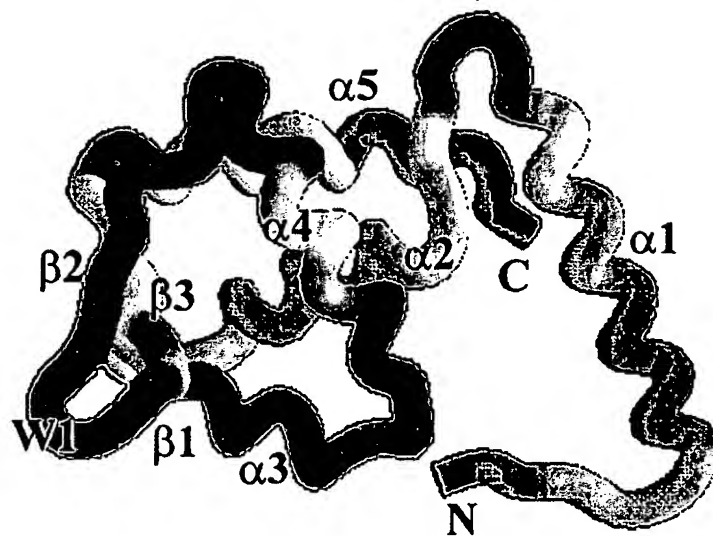


FIG. 9B



REPLACEMENT SHEET

FIG. 10A



FIG. 10B

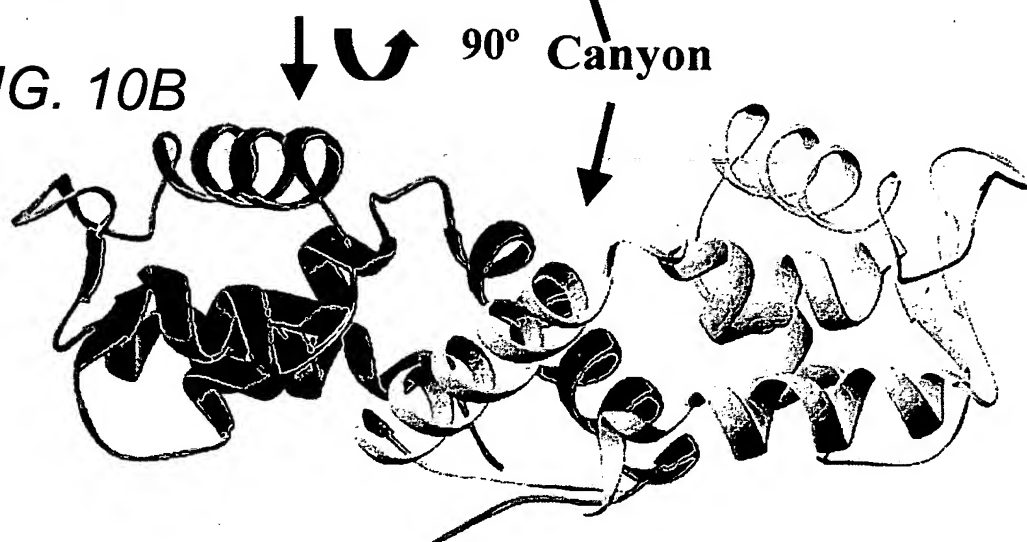


FIG. 10C

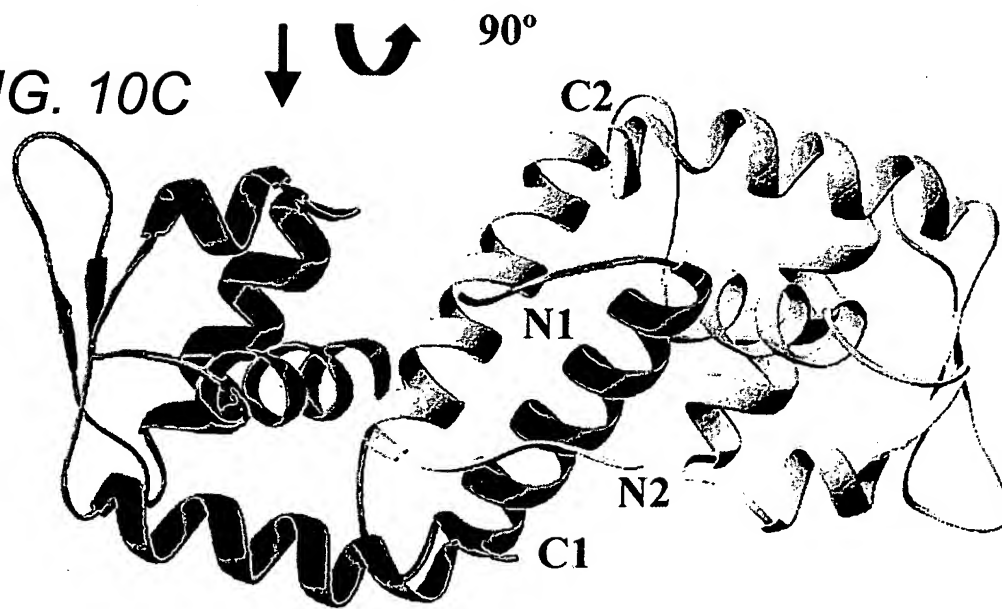
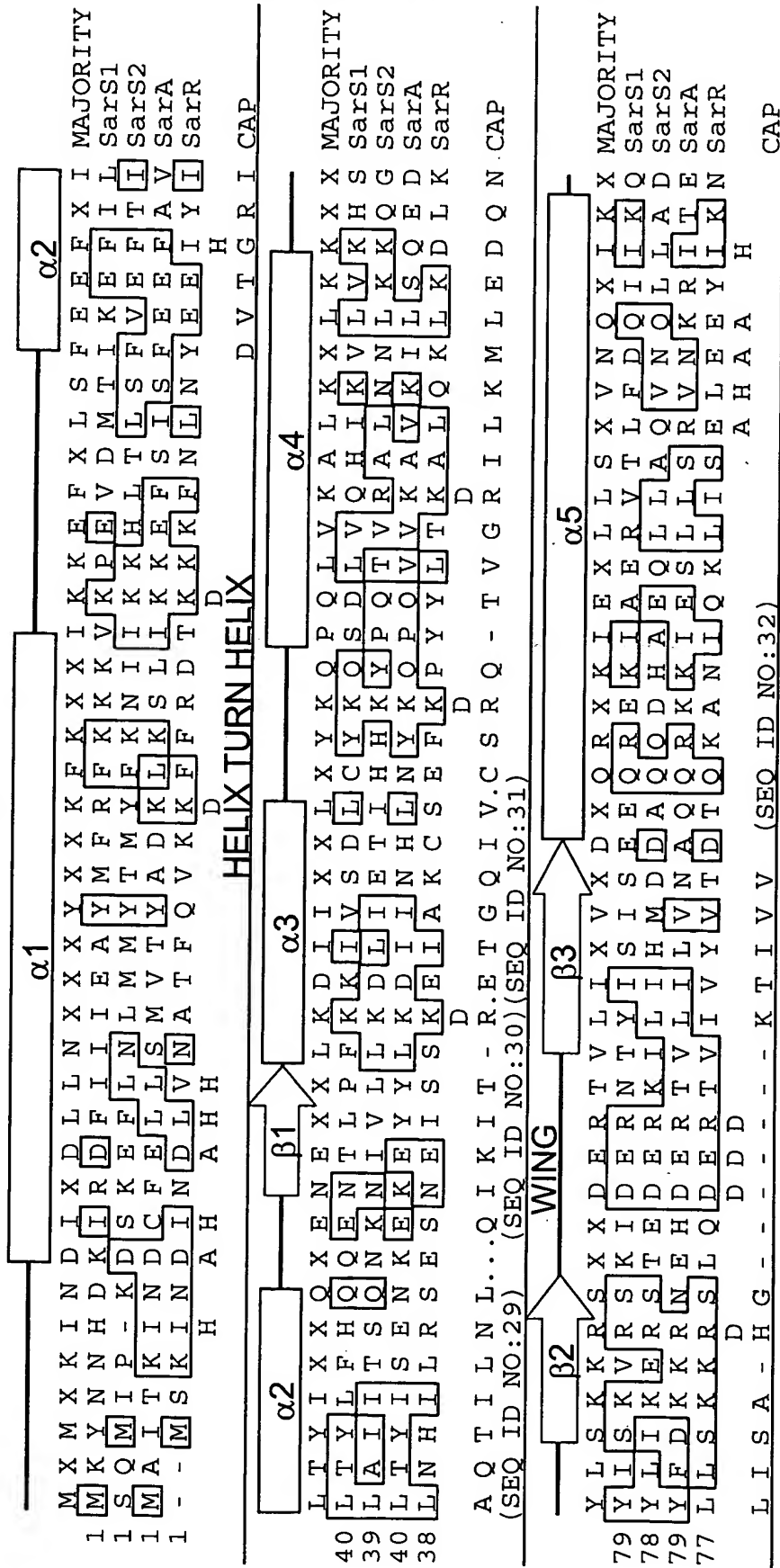


FIG. 11



	X	N	X	(SEQ	ID	NO:26)	MAJORITY
1119	F	<span style="border: 1px solid black; padding: 0 2px;">N</span>	-	(SEQ	ID	NO:27)	Sars1
1118	-	K	D	(SEQ	ID	NO:28)	Sars2
1119	A	<span style="border: 1px solid black; padding: 0 2px;">N</span>	N	(SEQ	ID	NO:35)	SarA
1117	-	-	-	(SEQ	ID	NO:2)	SarR

FIG. 12A

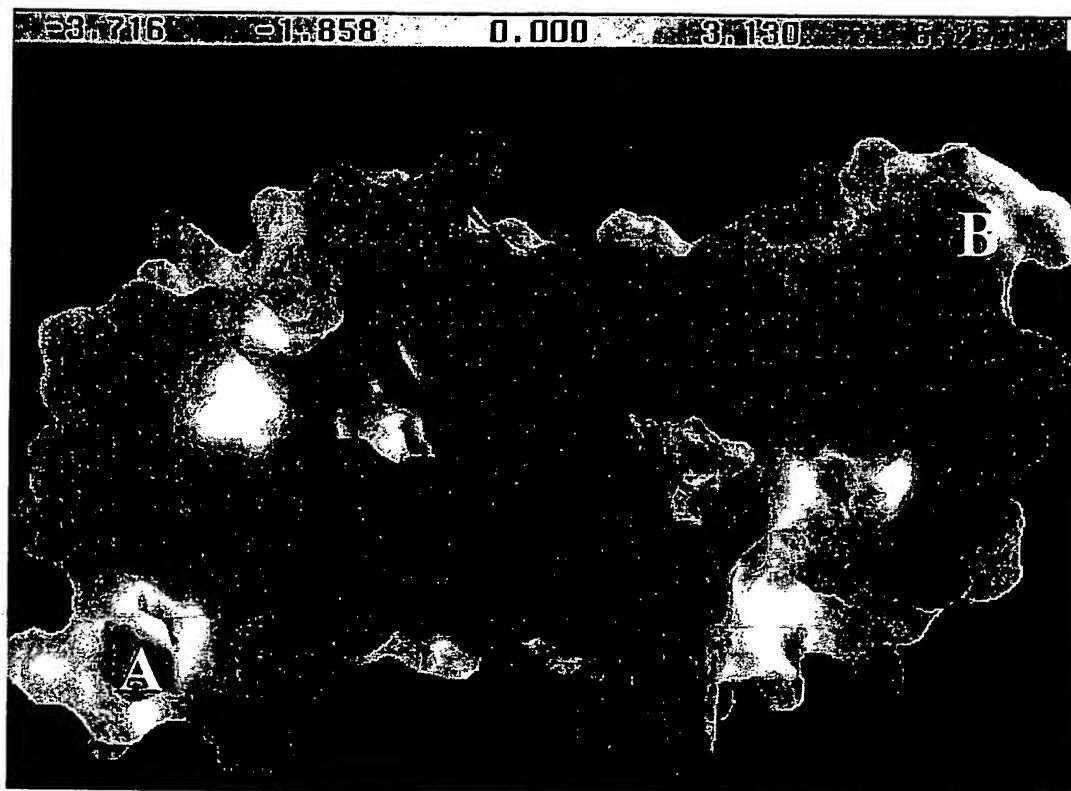


FIG. 12B

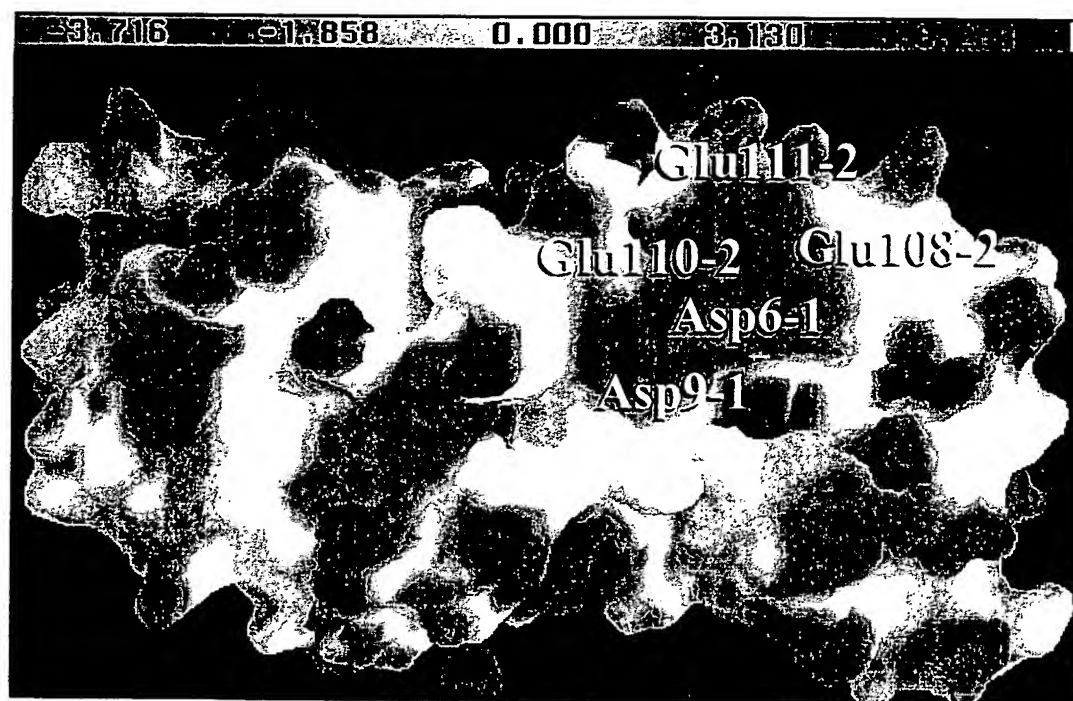




FIG. 13A

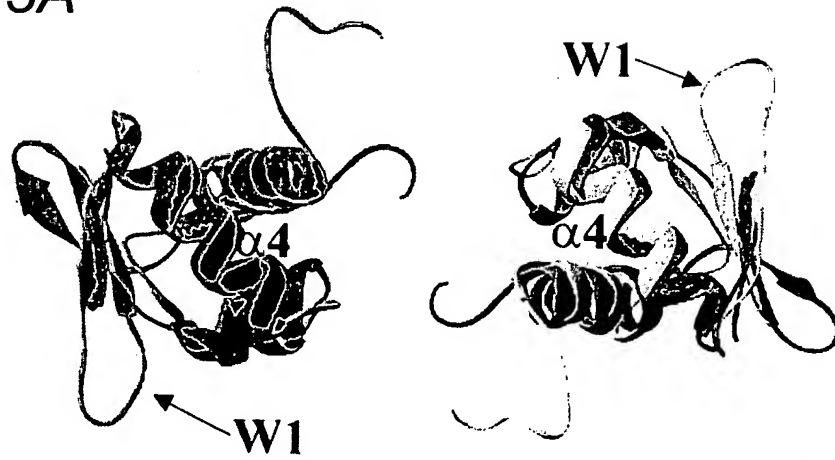


FIG. 13B



FIG. 13C

